

Mineral Industry Surveys

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IRON AND STEEL SCRAP IN MARCH 2005

On a daily average basis in March 2005, estimated consumption of iron and steel scrap was down 6% and net receipts of purchased and home scrap were down 5% compared with those of February 2005, according to the U.S. Geological Survey. Consumption during the first quarter of 2005 was 2% less than that during the first quarter of 2004. Production of home scrap was down 7% and stocks of purchased and home scrap at the end of the month were down 1% compared with those of February 2005. These observations are based upon responses from 59% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent 49% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production was down 2% and consumption was down 6% compared with those of February 2005. Stocks of pig iron at month's end were up 6% compared with those of February 2005.

Exports of iron and steel scrap for the month of February 2005 increased 16% from those of January 2005. China was the leading country of destination, accounting for 24% of the total tonnage of exports, followed by Turkey with 14% and Canada with 12% (table 6). Los Angeles, CA, was the leading

U.S. Customs district for tonnage of exports, accounting for 25% of the total, followed by New York, NY, with 17% and Seattle, WA, with 10% (table 7).

Imports of iron and steel scrap for February 2005 increased 37% compared with those of January 2005. Canada was the leading country of origin, accounting for 58% of the total tonnage of imports, followed by United Kingdom with 18% and Sweden with 11% (table 9). Charleston, SC, was the leading Customs district for tonnage of imports, accounting for 36% of the total, followed by Detroit, MI, with 29% and Seattle, WA, with 11% (table 10).

The daily average domestic raw steel production for March 2005, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 264,000 metric tons (t), down 3% from 273,000 in February 2005 and down 3% from 271,000 t in March 2004 (table 12). The electric furnace portion of raw steel production for March 2005 was 51%, about the same as in February 2005 and in March 2004.

Raw steel capability utilization (AISI data) in March 2005 was 88%, down from 93% in February 2005 and down from 94% in March 2004 (table 12). Continuous cast steel production in the United States accounted for 97% of total raw steel production in March 2005, about the same as in February 2005 and March 2004.

TABLE 1
IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

	March 2005			Year to date ^p		
	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers	Integrated steel producers ³	Electric furnace steel producers ⁴	Total for steel producers
Scrap:						
Receipts from dealers and other sources	1,110	2,410	3,520	3,210	6,970	10,200
Receipts from other own company plants	W	W	194	W	W	584
Production recirculating scrap	578	329	907	1,690	985	2,670
Production obsolete scrap	10	27	37	28	81	109
Consumption (by type of furnace):						
Blast furnace	(5)	--	(5)	(5)	--	(5)
Basic oxygen process	W	W	1,010	W	W	3,080
Electric furnace	W	W	3,600	W	W	10,500
Other (including air furnace) ⁶	(5)	--	(5)	(5)	--	(5)
Total consumption	1,670	2,940	4,610	4,930	8,660	13,600
Shipments	113	10	123	323	24	347
Stocks end of month	2,430	2,010	4,440	XX	XX	XX
Pig iron (includes hot metal):						
Receipts	368	200	568	1,200	492	1,690
Production	W	W	2,820	W	W	8,100
Consumption (by type of furnace):						
Basic oxygen process	W	W	3,230	W	W	9,480
Direct castings ⁷	(5)	(5)	(5)	(5)	(5)	(5)
Electric furnace	W	W	(5)	W	W	(5)
Total consumption	3,100	126	3,230	9,110	375	9,480
Shipments	(8)	(8)	(8)	(8)	(8)	(8)
Stocks end of month	W	W	655	XX	XX	XX
Direct-reduced iron:⁹						
Receipts	160	46	206	380	149	530
Production	W	W	W	--	--	--
Total consumption	103	34	137	362	84	446
Shipments	--	--	--	--	--	--
Stocks end of month	196	93	289	XX	XX	XX

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." XX Not applicable. -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings. March 2005 data are based on returns from 59% of monthly respondents, representing 49% of scrap consumption during this month, and estimates for nonrespondents of this survey.

³Includes data for electric furnaces operated by integrated steel producers.

⁴Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

⁵Withheld to avoid disclosing company proprietary data; included in "Consumption: Basic oxygen process."

⁶Includes vacuum melting furnaces and miscellaneous uses.

⁷Includes ingot molds and stools.

⁸Withheld to avoid disclosing company proprietary data.

⁹Includes direct-reduced iron, hot-briquetted iron, and iron carbide. Domestic production data are included in "Receipts."

TABLE 2
RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, CONSUMPTION, AND STOCKS OF IRON AND STEEL SCRAP, BY GRADE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Item	March 2005				Year to date ^p		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ³	Ending stocks	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ³
Carbon steel:							
Low-phosphorus plate and punchings	24	W	57	131	76	W	168
Cut structural and plate	357	47	406	315	1,050	139	1,200
No. 1 heavy melting steel	337	176	536	493	1,010	518	1,590
No. 2 heavy melting steel	473	31	524	433	1,370	93	1,520
No. 1 and electric furnace bundles	347	W	480	315	1,040	W	1,410
No. 2 and all other bundles	73	W	73	46	204	W	215
Electric furnace 1 foot and under (not bundles)	7	W	W	W	18	W	W
Railroad rails	21	W	24	19	61	W	73
Turnings and borings	157	4	182	93	456	15	526
Slag scrap	66	122	160	142	192	353	478
Shredded and fragmentized	751	W	933	606	2,140	W	2,780
No. 1 busheling	439	23	454	374	1,230	53	1,310
Steel cans (post consumer)	22	W	27	W	64	W	79
All other carbon steel scrap	137	138	266	292	400	413	819
Stainless steel scrap	60	18	87	32	186	54	268
Alloy steel scrap	10	44	54	32	32	129	155
Ingot mold and stool scrap	W	7	5	16	W	20	14
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	21	W	23	30	61	W	61
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	47	34	93	W	142	101	280
Other mixed scrap	173	38	209	634	460	112	607
Total	3,520	907	4,610	4,440	10,200	2,670	13,600

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings.

³Includes recirculating scrap and home-generated obsolete scrap.

TABLE 3
 RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, AND CONSUMPTION OF IRON AND STEEL SCRAP,
 BY REGION AND STATE, FOR STEEL PRODUCERS^{1,2}

(Thousand metric tons)

Region and State	March 2005			Year to date ^p		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ³	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap ³
Mid-Atlantic and New England:						
New Jersey, New York, Pennsylvania	392	167	605	1,160	508	1,800
North Central:						
Illinois and Indiana	346	287	597	993	860	1,770
Iowa, Minnesota, Nebraska, Wisconsin	250	5	240	736	15	718
Michigan	161	59	141	460	168	404
Ohio	479	139	608	1,440	400	1,830
Total	1,240	490	1,590	3,630	1,440	4,720
South Atlantic:						
Delaware, Maryland, Virginia, West Virginia	198	59	290	549	171	851
Florida, Georgia, North Carolina, South Carolina	267	10	357	766	33	1,040
Total	465	69	647	1,320	204	1,890
South Central:						
Alabama, Kentucky, Mississippi, Tennessee	496	57	572	1,420	154	1,620
Arkansas, Louisiana, Oklahoma, Texas	605	65	792	1,710	189	2,380
Total	1,100	122	1,360	3,130	343	4,000
Mountain and Pacific:						
Arizona, California, Colorado, Oregon, Utah, Washington	328	59	406	946	173	1,170
Grand total	3,520	907	4,610	10,200	2,670	13,600

^pPreliminary.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes manufacturers of raw steel that also produce steel castings.

³Includes recirculating scrap and home-generated obsolete scrap.

TABLE 4
RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, FOR STEEL PRODUCERS^{1,2,3,4}

(Thousand metric tons)

Item	March 2005					Year to date ^p				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	14	4	W	5	1	42	13	W	14	4
Cut structural and plate	45	115	87	85	26	129	342	261	236	77
No. 1 heavy melting steel	42	107	33	142	13	121	302	100	443	42
No. 2 heavy melting steel	8	200	62	156	47	23	571	171	463	142
No. 1 and electric furnace bundles	32	237	16	57	5	99	715	48	162	13
No. 2 and all other bundles	7	35	6	17	7	22	90	20	52	20
Electric furnace 1 foot and under (not bundles)	--	(5)	--	7	--	--	(5)	--	18	--
Railroad rails	W	W	--	12	W	W	W	--	34	W
Turnings and borings	26	41	26	59	6	77	122	68	169	20
Slag scrap	18	23	7	15	W	55	64	23	48	W
Shredded and fragmentized	44	158	170	300	78	133	469	467	835	236
No. 1 busheling	54	182	18	183	2	144	523	43	509	7
Steel cans (post consumer)	4	W	W	W	W	11	W	W	W	W
All other carbon steel scrap	36	61	5	34	W	112	196	12	78	W
Stainless steel scrap	48	12	--	--	--	148	38	--	(5)	--
Alloy steel scrap	7	W	--	W	--	20	W	--	W	--
Ingot mold and stool scrap	--	--	--	--	--	(5)	--	--	--	--
Machinery and cupola cast iron	(5)	--	(5)	W	--	--	--	1	W	--
Cast iron borings	W	W	W	6	--	W	W	W	18	--
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	16	W	1	W	W	48	W	2	W
Other mixed scrap	W	W	4	19	W	W	W	11	38	W
Total	392	1,240	465	1,100	328	1,160	3,630	1,320	3,130	946

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Scrap received from brokers, dealers, and other outside sources.

²A breakout of the States within each region is provided in Table 3.

³Includes manufacturers of raw steel that also produce steel castings.

⁴Data are rounded to no more than three significant digits; may not add to totals shown.

⁵Less than 1/2 unit.

TABLE 5
CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS^{1,2,3}

(Thousand metric tons)

Item	March 2005					Year to date ^p				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	14	33	W	W	3	43	98	W	W	9
Cut structural and plate	67	117	115	84	24	199	346	336	247	73
No. 1 heavy melting steel	81	159	41	194	61	246	478	129	581	160
No. 2 heavy melting steel	14	196	76	189	48	43	564	210	559	145
No. 1 and electric furnace bundles	44	339	18	73	6	118	1,020	54	212	14
No. 2 and all other bundles	9	32	5	18	9	26	93	18	56	23
Electric furnace 1 foot and under (not bundles)	--	5	--	9	--	--	11	--	19	--
Railroad rails	W	W	--	13	W	14	W	--	39	W
Turnings and borings	30	49	26	69	8	94	156	71	183	21
Slag scrap	29	66	18	46	W	88	195	55	137	W
Shredded and fragmentized	77	153	235	379	88	235	460	696	1,130	255
No. 1 busheling	61	180	24	186	3	164	513	66	556	9
Steel cans (post consumer)	6	W	W	W	W	17	W	W	W	W
All other carbon steel scrap	62	103	39	58	W	194	337	116	162	W
Stainless steel scrap	67	20	--	--	--	206	62	--	(4)	--
Alloy steel scrap	17	36	--	W	--	49	99	--	W	--
Ingot mold and stool scrap	3	1	--	(4)	--	10	3	--	1	--
Machinery and cupola cast iron	--	--	(4)	W	--	--	--	--	W	--
Cast iron borings	W	W	W	7	--	W	W	W	18	(4)
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	38	W	2	W	W	115	W	7	W
Other mixed scrap	W	30	5	24	W	W	88	15	55	W
Total	605	1,590	647	1,360	406	1,800	4,720	1,890	4,000	1,170

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²A breakout of the States within each region is provided in Table 3.

³Includes manufacturers of raw steel that also produce steel castings.

⁴Less than 1/2 unit.

TABLE 6
U.S. EXPORTS OF IRON AND STEEL SCRAP
BY SELECTED REGION AND COUNTRY^{1,2}

(Thousand metric tons and thousand dollars)

Region and country	February 2005		Year to date	
	Quantity	Value	Quantity	Value
North America and South America:				
Bahamas, The	1	127	1	148
Brazil	1	429	1	429
Canada	129	22,600	240	43,100
Dominican Republic	(3)	27	(3)	45
Guatemala	(3)	39	(3)	39
Jamaica	(3)	20	(3)	40
Mexico	67	15,300	164	39,200
Peru	19	4,270	31	7,180
Suriname	(3)	36	(3)	61
Venezuela	(3)	66	1	168
Other	1	19	2	164
Total	218	43,000	441	90,500
Africa, Europe, Middle East:				
Austria	(3)	66	(3)	74
Belgium	2	363	5	796
Egypt	(3)	46	23	6,070
Finland	13	19,000	13	19,000
Germany	(3)	52	(3)	182
Hungary	(3)	15	(3)	21
Ireland	(3)	132	1	370
Israel	(3)	15	(3)	66
Italy	(3)	39	(3)	47
Kenya	16	2,200	17	3,630
Netherlands	(3)	302	4	1,410
Qatar	(3)	10	31	6,540
Sweden	(3)	234	(3)	537
Switzerland	(3)	92	(3)	92
Turkey	153	32,700	290	62,700
United Kingdom	2	580	2	840
Other	1	10	1	152
Total	187	55,900	386	102,000
Asia, Australia, Oceania:				
Bangladesh	2	408	3	528
China	258	87,300	526	174,000
Hong Kong	2	2,050	6	4,240
India	94	25,200	130	37,300
Indonesia	4	1,330	51	12,000
Japan	1	1,560	2	2,690
Korea, Republic of	25	8,830	124	32,100
Malaysia	107	26,600	108	26,800
Pakistan	(3)	39	(3)	90
Singapore	35	859	35	892
Taiwan	59	23,000	67	29,400
Thailand	86	20,200	128	29,600
Vietnam	1	247	1	365
Other	(3)	9	(3)	26
Total	674	198,000	1,180	350,000
Grand total	1,080	296,000	2,010	543,000

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free alongside ship basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 7
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION
AND SELECTED CUSTOMS DISTRICT^{1,2,3}

(Thousand metric tons and thousand dollars)

Region and customs district	February 2005		Year to date	
	Quantity	Value	Quantity	Value
Canadian-U.S. Border:				
Buffalo, NY	7	2,610	20	6,310
Detroit, MI	32	6,810	58	12,600
Duluth, MN	2	662	4	1,240
Great Falls, MT	3	509	6	1,050
Ogdensburg, NY	6	1,080	10	2,100
Pembina, ND	49	8,930	83	16,000
Other ⁴	(5)	223	1	522
Total	100	20,800	184	39,700
East Coast:				
Baltimore, MD	3	1,070	5	1,660
Boston, MA	93	23,000	151	36,300
Charleston, SC	4	2,130	7	4,420
Miami, FL	4	2,260	8	4,040
New York, NY	179	52,500	407	109,000
Norfolk, VA	4	2,390	12	6,080
Philadelphia, PA	74	16,000	109	25,000
Portland, ME	20	4,360	48	12,300
Savannah, GA	3	1,850	7	4,790
St. Albans, VT	3	808	6	1,420
Wilmington, NC	3	734	4	1,180
Other ⁴	25	2,030	49	4,030
Total	414	109,000	813	210,000
Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):				
El Paso, TX	(5)	19	(5)	78
Houston-Galveston, TX	6	2,580	12	4,870
Laredo, TX	26	5,920	53	12,500
New Orleans, LA	45	18,000	79	24,600
Nogales, AZ	(5)	39	(5)	51
San Juan, PR	1	263	2	582
Tampa, FL	(5)	61	(5)	79
Other	(5)	10	3	3,460
Total	80	26,900	150	46,300
West Coast and Hawaii:				
Columbia-Snake, OR	33	8,030	64	16,300
Honolulu, HI and Anchorage, AK	1	511	41	9,620
Los Angeles, CA	273	79,000	449	129,000
San Diego, CA	6	1,200	16	2,430
San Francisco, CA	68	21,000	118	36,700
Seattle, WA	105	29,900	174	52,200
Total	486	140,000	861	247,000
Grand total	1,080	296,000	2,010	543,000

¹Re-export activity for February 2005 amounted to 8,960 metric tons valued at \$9,770,000.

²Includes tinsplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free alongside ship basis.

³Data are rounded to no more than three significant digits; may not add to totals shown.

⁴Includes Code 70, which is for low-valued exports from the United States to Canada.

⁵Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 8
U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE^{1,2}

(Thousand metric tons and thousand dollars)

Item	February 2005		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	219	48,200	463	102,000
No. 2 heavy melting steel	37	7,000	80	15,900
No. 1 bundles	17	2,220	61	4,620
No. 2 bundles	--	--	4	733
Shredded steel scrap	423	101,000	754	182,000
Borings, shovelings and turnings	27	3,040	38	4,970
Cut plate and structural	46	11,800	60	15,100
Tinned iron or steel	4	839	7	2,030
Remelting scrap ingots	1	340	1	793
Cast iron	83	17,000	131	28,200
Other iron and steel	107	22,200	190	46,500
Total carbon steel and cast iron	964	213,000	1,790	403,000
Stainless steel	53	57,400	85	90,500
Other alloy steel	63	25,800	135	49,500
Total stainless and alloy steel	116	83,100	219	140,000
Total carbon, stainless, alloy steel and cast iron	1,080	296,000	2,010	543,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	(3)	10
Used rails for rerolling and other uses	5	3,080	5	3,580
Total scrap exports	1,080	300,000	2,010	547,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	2	503	2	581
Pig iron > 0.5% phosphorus	7	651	21	1,850
Alloy pig iron	1	76	1	146
Total pig iron	10	1,230	25	2,570
Direct-reduced iron (DRI)	--	--	--	--
Spongy iron products, not DRI	(3)	234	1	580
Granules for abrasive cleaning and other uses	2	1,610	4	3,020
Powders of alloy steel	1	2,090	2	4,200
Other ferrous powders	4	6,670	8	11,300
Total DRI, granules, powders	7	10,600	15	19,100
Grand total	1,100	311,000	2,050	568,000

-- Zero.

¹Export valuation is on a free alongside ship basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
BY SELECTED COUNTRY^{1,2}

(Thousand metric tons and thousand dollars)

Country	February 2005		Year to date	
	Quantity	Value	Quantity	Value
Argentina	(3)	76	(3)	76
Bahamas, The	(3)	34	(3)	49
Brazil	1	318	1	318
Canada	217	55,800	393	106,000
China	(3)	15	(3)	19
Dominican Republic	4	692	13	2,600
Egypt	(3)	78	(3)	109
France	(3)	117	(3)	229
Germany	(3)	10	(3)	20
Guatemala	(3)	77	(3)	109
Honduras	(3)	6	(3)	17
Israel	(3)	43	(3)	43
Japan	(3)	100	(3)	124
Mexico	12	4,530	23	8,790
Netherlands	30	13,000	66	27,000
Russia	(3)	22	(3)	22
South Africa	4	11	4	11
Sweden	40	11,400	48	14,100
Trinidad and Tobago	(3)	314	1	469
United Kingdom	67	19,800	101	29,800
Other	2	19	3	554
Total	377	106,000	651	190,000

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 10
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP
BY SELECTED CUSTOMS DISTRICT^{1,2}

(Thousand metric tons and thousand dollars)

Customs district	February 2005		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	30	14,600	73	33,400
Charleston, SC	137	44,000	208	68,100
Detroit, MI	108	26,400	198	50,700
Duluth, MN	3	845	5	1,500
El Paso, TX	6	864	10	1,670
Laredo, TX	3	2,200	6	4,180
Mobile, AL	29	6,400	39	8,300
New Orleans, LA	8	693	15	3,410
Pembina, ND	4	1,700	5	2,350
Seattle, WA	43	5,140	79	9,900
Other	7	3,620	14	6,800
Total	377	106,000	651	190,000

¹Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 11
U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER
FERROUS PRODUCTS BY GRADE^{1,2}

(Thousand metric tons and thousand dollars)

Item	February 2005		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	2	275	5	746
No. 2 heavy melting steel	4	702	6	1,080
No. 1 bundles	70	23,200	148	49,600
No. 2 bundles	--	--	7	2,720
Shredded steel scrap	149	39,100	207	52,400
Borings, shovelinings and turnings	7	624	12	1,090
Cut plate and structural	11	1,860	19	3,160
Tinned iron or steel	1	97	2	244
Remelting scrap ingots	(3)	115	1	236
Cast iron	19	4,000	38	8,460
Other iron and steel	77	18,200	147	34,800
Total carbon steel and cast iron	341	88,200	591	155,000
Stainless steel	11	13,300	22	26,200
Other alloy steel	25	4,900	39	9,390
Total stainless and alloy steel	36	18,200	60	35,600
Total carbon, stainless, alloy steel and cast iron	377	106,000	651	190,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	2	804	21	4,860
Total scrap imports	379	107,000	672	195,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	696	198,000	1,650	437,000
Pig iron > 0.5% phosphorus	11	4,240	22	9,440
Alloy pig iron	--	--	--	--
Total pig iron	707	202,000	1,680	446,000
Direct-reduced iron (DRI)	289	58,600	392	76,000
Spongy iron products, not DRI	(3)	317	104	33,500
Granules for abrasive cleaning and other uses	1	787	3	1,990
Powders of alloy steel	5	6,980	10	11,300
Other ferrous powders	33	6,510	39	12,500
Total DRI, granules, powders	329	73,200	547	135,000
Grand total	1,420	382,000	2,900	776,000

-- Zero.

¹Import valuation is on a Customs basis.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 12
U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,
AND CONTINUOUS CAST STEEL PRODUCTION¹

Period	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date ²	Monthly	Year to date	Monthly	Year to date
2004:						
March	8,410	23,800	93.7	90.4	96.9	96.9
April	8,080	31,900	93.9	91.1	96.9	96.9
May	8,310	40,200	92.9	91.5	97.7	97.1
June	8,170	48,300	94.4	91.9	96.8	97.0
July	8,310	57,100	93.5	92.7	97.4	97.1
August	8,450	65,600	95.0	93.0	94.4	96.3
September	8,380	74,000	97.3	93.5	97.3	97.1
October	8,660	82,600	97.5	93.9	95.9	96.0
November	8,160	90,700	94.8	93.9	97.2	97.2
December	8,130	98,900	91.5	93.8	96.7	97.1
2005:						
January	8,280	8,280	90.9	90.9	96.6	96.6
February	7,640	15,900	92.9	91.9	96.7	96.7
March	8,190	24,100	88.4	89.7	96.7	96.7

¹Data are rounded to no more than three significant digits.

²Year-to-date may include revisions for previous months.

Source: American Iron and Steel Institute.

TABLE 13
COMPOSITE PRICES FOR NO. 1 HEAVY MELTING STEEL SCRAP AND PIG IRON

Period	American Metal Market No. 1 HMS		Iron Age No. 1 HMS		Iron Age Pig Iron ¹	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2004:						
January	177.47	174.67	179.84	176.99	240.78	236.98
February	224.09	220.55	222.50	218.99	240.78	236.98
March	250.05	246.10	238.13	234.37	341.90	336.50
April	208.76	205.46	201.33	198.15	344.19	338.75
May	170.55	167.86	161.25	158.70	332.76	327.50
June	165.00	162.39	160.33	157.80	300.24	295.50
July	215.30	211.90	214.96	211.56	328.18	323.00
August	240.38	236.58	225.96	222.40	398.80	392.50
September	205.17	201.93	198.78	195.64	353.08	347.50
October	237.37	233.62	235.83	232.11	372.13	366.25
November	251.67	247.70	250.67	246.71	390.67	384.50
December	218.38	214.93	209.39	206.08	370.86	365.00
Average	213.68	210.31	208.25	204.96	334.53	329.25
2005:						
January	205.02	201.78	197.67	194.54	337.84	332.50
February	199.32	196.17	193.59	190.53	317.52	312.50
March	197.81	194.69	196.17	193.07	320.04	314.99

¹Prices are Brazilian basic pig iron, F.O.B. New Orleans, LA.

Note: Long tons = lt; metric tons = t.